

CATHETER WITH SIDE SHEATH

ABSTRACT OF THE DISCLOSURE

A catheter system comprises a catheter having a catheter body with a distal end, a proximal end, a main vessel guidewire lumen for receiving a main vessel guidewire and a balloon disposing at the distal end of the catheter body. The catheter further includes a side member that is disposed adjacent to the catheter body. The side member has a distal end, a proximal end, and a branch vessel guidewire lumen for receiving a branch vessel guidewire. A stent having a side hole is disposed over the balloon, and a distal portion of the side member is disposed beneath at least a portion of the stent while being adjacent to and movable with respect to the balloon.

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